

C6636341

MODEL 700TM N24

Model **SMS**TM

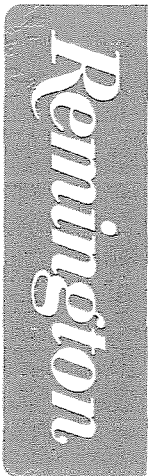
Action

Barrel Length

Capacity

Order No. **5716**

* Includes 1 in chamber.



MOD. _____ GA. CAL. _____ GUN # 6341

# TEST	DATE	MALFUNCTION/DEFECT	ASSEM. #
	1st		
<i>af</i>	<i>8/20</i>	<i>Hard Safe</i>	<i>KS</i>
	2nd		
	<i>8/21</i>	<i>Repaired</i>	<i>KS</i> <i>ff</i>
	3rd		
	4th		

FUNCTION _____ RD 6654 Rev 1

TEST INIT. ACTION TO CORRECT		ASSEM. #
PROOF		
TEST		
TGT		
PROOF		
TEST		
TGT		
PROOF	ENGINEER	
TEST		
TGT		
PROOF	ENGINEER	
TEST		
TGT		

Remington® **DUPONT**
REG. U.S. PAT. & TM. OFF.

VERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.

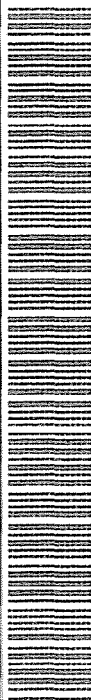
MODEL 700™ M24

SERIAL NO.
C663341

ORDER NO.
5716

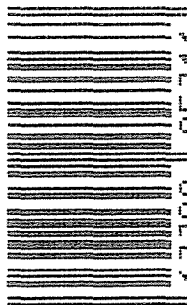
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MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.



5716 C663341

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6636341

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		5/3/91	KS
600	Proof		5/3/91	KS
607	Check Headspace		5/3/91	KS
610	Dis-assemble Gun		5/3/91	KS
612	Magnaflux Barrel Action		JUL 2 1991	KR
	Magnaflux Bolt		JUL 2 1991	KR
615	Rollmark Caliber		JUL 2 1991	KR
617	Drill and Tap Sight Holes		JUL 2 1991	FB
618	Polish Barrel		JUL 17 1991	WB
620	Apply Coatings (Barrel Action)		5-14-91	KS
	Apply Coating (Bolt)		5-14-91	KS
625	Final Assembly A) Clean inside of Bolt Assembly		8/17/91	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/17/91	KS
	C) Inspect Ejector Hole for Chamfer		8/17/91	KS
	D) Oil Firing Pin Ass'y		8/17/91	KS
	E) Adjust Trigger Pull to Min Setting and Stake		8-14-91	KS

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			8/19/91	JK
	G) Safety Off Force	3	3	3			8/19/91	JK
	H) Trigger Pull Test & Retainability						8-19-91	JK
	I) Firing Pin Indent	.0225	.022	.022			8/19/91	JK
	J) Assemble Stock						8/19/91	JK
	K) Assemble Swivel Studs						8-31-91	D/H
	L) Attach Front and Rear Sight Assemblies						8/19/91	JK
	M) Iron Sight Alignment						8/19/91	JK
	N) Detach Front & Rear Sights & place in numbered container						8/19/91	JK
	O) Attach Scope to Rifle						8/19/91	JK
	P) Detach & Attach Scope 20 Times						8/19/91	JK
640	Gallery Target & Test						8-20-91	N
	A) Time						"	N
	B) Malfunctions						"	N
	C) Pierced Primers						"	N
	D) Optical Clarity of Scope						"	N
645	Inspect for Live Ammo						8-20-91	N
655	Final Inspection							
	A) Headspace						8-31-91	D/H
	B) Trigger Pull	2.48	2.48	2.22	2.43	2.48	8/29/91	JK
	C) Function						8-31-91	D/H
660	Pack						9-17-91	D/H

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS
2.50# + .50#
3.00# + .75#
4.00# + 1.00#

SERIAL NO C-6636341

DATE 8/22/91

TESTER JPL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.69	2.63	2.48	2.48	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.62	2.66	2.44	2.48	
PULL #3	2.57	2.48	2.55	2.22	
PULL #4	2.42	2.64	2.59	2.43	
PULL #5	2.63	2.39	2.49	2.48	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.53	3.46		
PULL #2	3.45	3.42		
PULL #3	3.49	3.46		
PULL #4	3.46	3.45		
PULL #5	3.53	3.46		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.24	4.30		4.23
PULL #2	4.29	4.29		4.26
PULL #3	4.21	4.24		4.30
PULL #4	4.25	4.21		4.28
PULL #5	4.28	4.29		4.21
TOTAL				
AVG.				

Re tugger
Pull

New
Fire ~~Control~~
Control

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6636341
23 Aug 1991

CENTROIDAL DISTANCES

0 TO	1	.169499
1 TO	2	.219329
1 TO	3	.196128
1 TO	4	.168929
1 TO	5	.0596657

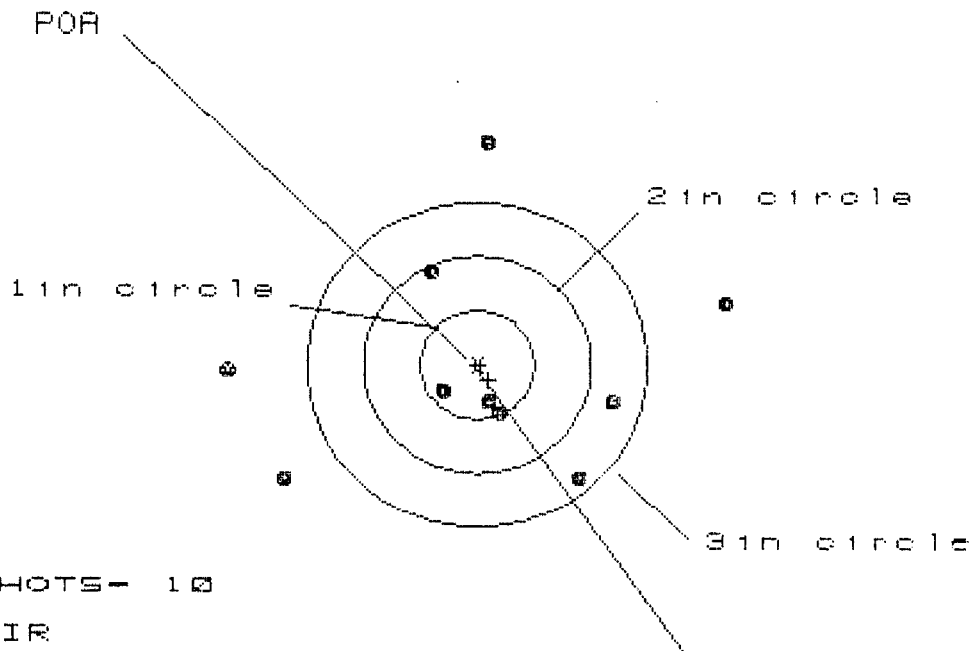
* <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.056
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0348
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0659321
THE AMR FOR THIS RIFLE IS: 1.156

23 Aug 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8638341

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 3

2in = 4

3in = 6

HS= 4.485

VS= 3.133

GS= 4.535

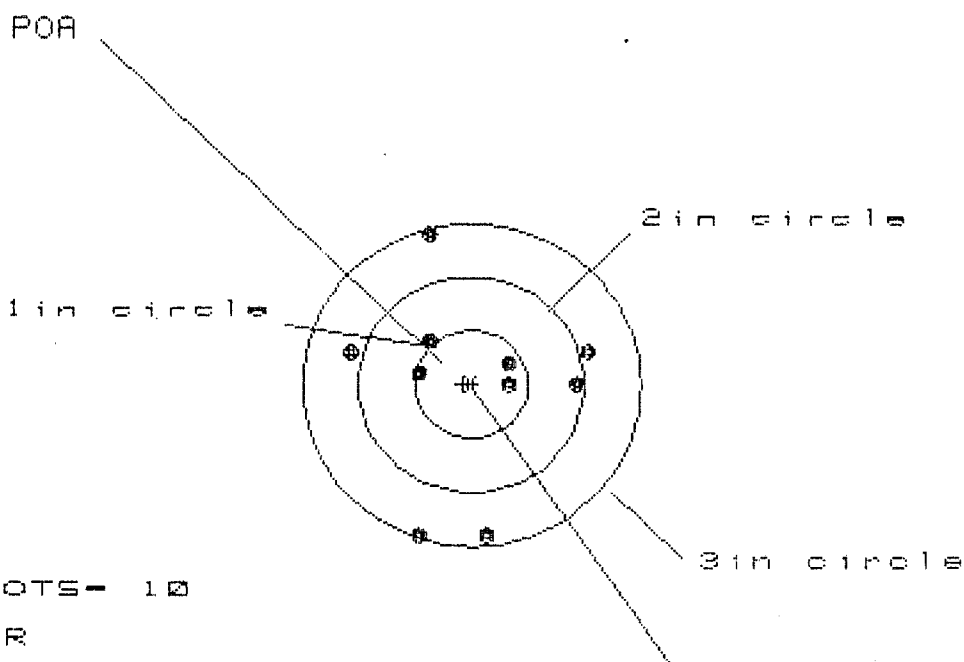
CENTROID #

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.235	1.467	1.217
MINIMUM X	:	-2.250	-2.002	-1.726
MAXIMUM Y	:	2.078	2.146	2.146
MINIMUM Y	:	-1.055	-.987	-.987
CENTROID X	:	-.097	-.345	-.095
CENTROID Y	:	.139	.071	.071
POA TO CENTROID in.	:	.169	.352	.118
MIN RADIUS	:	.360	.191	.296
MEAN RADIUS	:	1.342	1.226	1.089
MAX RADIUS	:	2.315	2.166	2.147
HORIZONTAL SPREAD	:	4.485	3.469	2.943
VERTICAL SPREAD	:	3.133	3.133	3.133
EXTREME SPREAD	:	4.535	3.600	3.600
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		6	

23 Aug 1991

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CENTERFIRE PATTERNS # 2



OF SHOTS - 10

IN CIR

1 in = 3

2 in = 5

3 in = 10

HS = 2.184

VS = 2.825

GS = 2.828

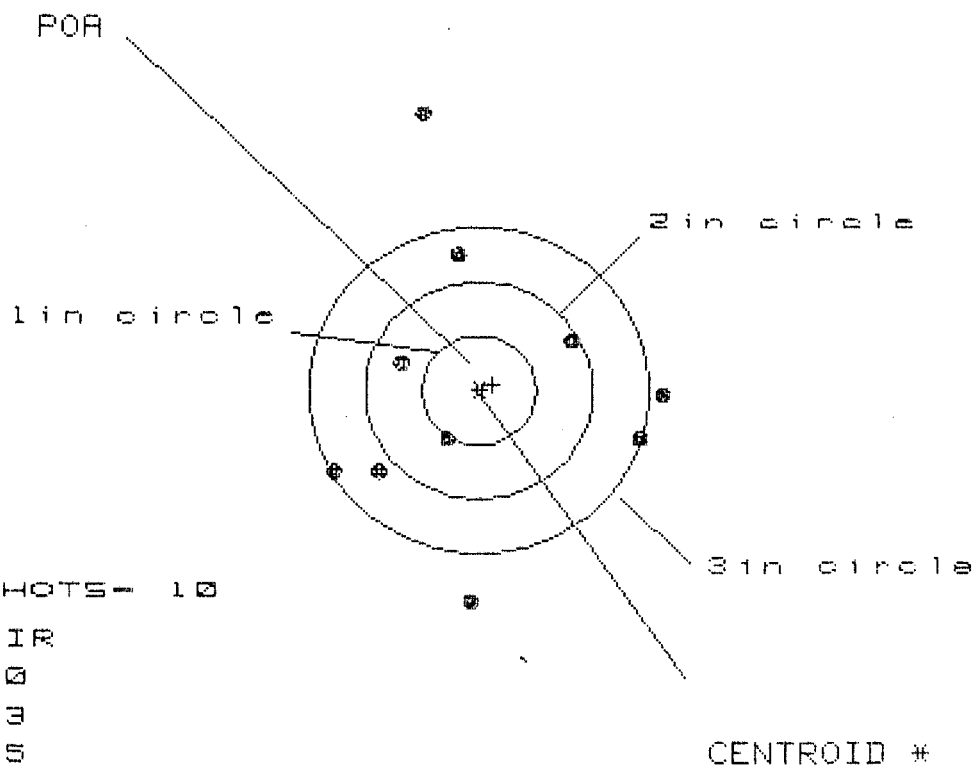
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.067	1.016	.969
MINIMUM X	:	-1.117	-1.168	-1.215
MAXIMUM Y	:	1.406	1.249	.403
MINIMUM Y	:	-1.419	-1.538	-1.382
CENTROID X	:	.071	.122	.169
CENTROID Y	:	-.002	.155	-.001
POA TO CENTROID in.	:	.071	.198	.169
MIN RADIUS	:	.298	.277	.199
MEAN RADIUS	:	.923	.835	.773
MAX RADIUS	:	1.493	1.539	1.382
HORIZONTAL SPREAD	:	2.184	2.184	2.184
VERTICAL SPREAD	:	2.825	2.787	1.785
EXTREME SPREAD	:	2.828	2.818	2.185
NUMBER IN ONE INCH CIRCLE =			3	
NUMBER IN TWO INCH CIRCLE =			5	
NUMBER IN THREE INCH CIRCLE =			10	

23 Aug 1991

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 3

3 in = 5

HS= 2.910

VS= 4.432

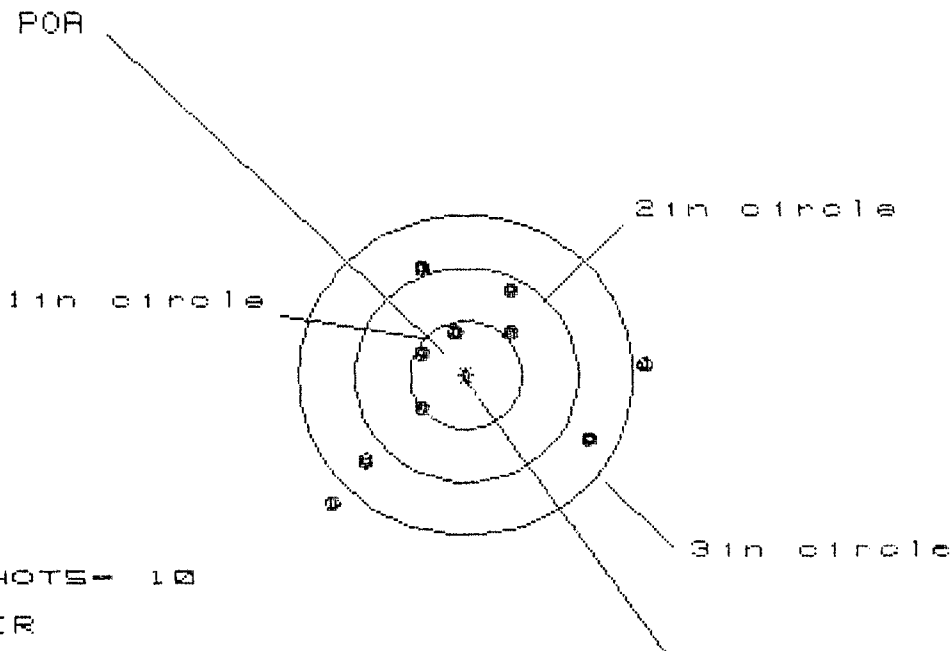
GS= 4.447

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.602	1.552	1.535
MINIMUM X	:	-1.308	-1.358	-1.375
MAXIMUM Y	:	2.506	1.513	1.307
MINIMUM Y	:	-1.926	-1.648	-1.715
CENTROID X	:	-.118	-.068	-.051
CENTROID Y	:	-.056	-.334	-.128
POA TO CENTROID in.	:	.130	.341	.138
MIN RADIUS	:	.573	.416	.557
MEAN RADIUS	:	1.369	1.219	1.155
MAX RADIUS	:	2.546	1.653	1.550
HORIZONTAL SPREAD	:	2.910	2.910	2.910
VERTICAL SPREAD	:	4.432	3.161	2.022
EXTREME SPREAD	:	4.447	3.163	3.002
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		5	

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CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 3

2in = 5

3in = 8

HS= 2.746

VS= 2.140

GS= 3.028

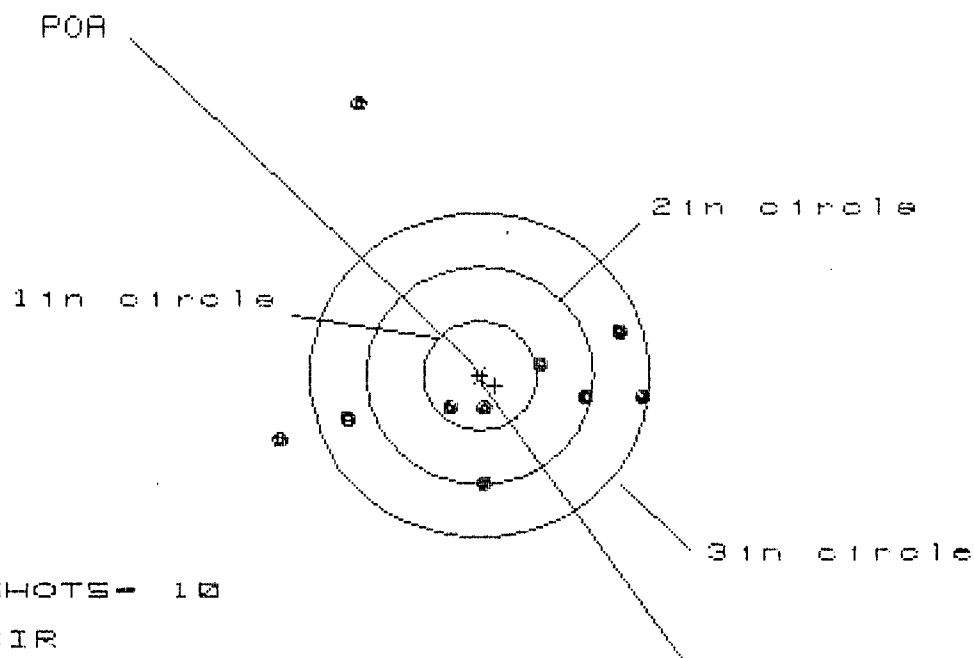
CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.558	1.426	1.136
MINIMUM X	:	-1.188	-1.078	-.900
MAXIMUM Y	:	.961	.830	.826
MINIMUM Y	:	-1.179	-.961	-.965
CENTROID X	:	-.001	.131	-.047
CENTROID Y	:	-.000	.131	.135
POA TO CENTROID in.	:	.001	.185	.143
MIN RADIUS	:	.405	.354	.262
MEAN RADIUS	:	.958	.859	.756
MAX RADIUS	:	1.674	1.444	1.356
HORIZONTAL SPREAD	:	2.746	2.504	2.036
VERTICAL SPREAD	:	2.140	1.791	1.791
EXTREME SPREAD	:	3.028	2.670	2.162
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

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CENTERFIRE PATTERNS # 5



OF SHOTS - 10

IN CIR

1in = 2

2in = 4

3in = 8

HS = 3.157

VS = 3.527

GS = 3.698

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.409	1.293	1.060
MINIMUM X	:	-1.748	-1.864	-1.532
MAXIMUM Y	:	2.498	.660	.631
MINIMUM Y	:	-1.029	-.751	-.790
CENTROID X	:	-.135	-.019	.214
CENTROID Y	:	.093	-.185	-.146
POA TO CENTROID in.	:	.164	.186	.259
MIN RADIUS	:	.333	.103	.334
MEAN RADIUS	:	1.189	.952	.925
MAX RADIUS	:	2.708	1.890	1.541
HORIZONTAL SPREAD	:	3.157	3.157	2.592
VERTICAL SPREAD	:	3.527	1.411	1.411
EXTREME SPREAD	:	3.698	3.180	2.598
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	